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JOURNAL  
OF THE  
AMERICAN WATER WORKS  
ASSOCIATION

29 West 39th Street, New York, N. Y.

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MONTHLY NEWS BULLETIN

**A**T THE convention of the Association in Pittsburgh, the Diven Memorial Medal was awarded to Mr. Malcolm Pirmie. This medal is awarded annually to the man who, in the opinion of the Committee, has best served the Association.

The total registration at the 1931 Annual Convention was almost 1100.

The Water Works Manufacturers Association, at its meeting during the Convention, elected as President, W. T. Chevalier, Publishing Director of "Engineering News Record" to succeed H. Seaver Jones of East Jersey Pipe Company, and Charles H. Becker of R. D. Wood & Company, Vice President. John A. Kienle of the Mathieson Alkali Works and E. J. Buttenheim of "American City Magazine" were reelected Secretary and Treasurer respectively.

The new officers of the Plant Management and Operation Division for the coming year are: Chairman, A. F. Porzelius, Chattanooga, Tenn.; Vice Chairman, Leon A. Smith, Madison, Wis. Directors: Theodore A. Leisen, Omaha, Neb., and Stephen H. Taylor, New Bed-

ford, Mass. Secretary: A. V. Ruggles, New York, N. Y.

The new officers of the Water Purification Division for the coming year are: Chairman, Paul Hansen, Chicago, Ill.; Vice Chairman, J. W. Ellms, Cleveland, Ohio, Secretary, Harry E. Jordan, Indianapolis, Ind. Directors: John R. Baylis, Chicago, Ill.; Carl Wilson, Los Angeles, Cal., and A. E. Berry, Toronto, Ont.

New members of the Board of Directors who took office on the last day of the Convention are: A. U. Sanderson, Toronto, Ont., Canadian Section, succeeding C. D. Brown; H. F. Wiedeman, Atlanta, Ga., for the Southeastern Section, succeeding J. E. Gibson; Harry E. Jordan, Indianapolis, Ind., succeeding H. S. Morse, Indiana Section; Burton Lowther, Denver, Col., for the Rocky Mountain Section, succeeding D. P. Porter. In the Wisconsin Section, Leon A. Smith holds over as Director until his successor is elected at the next Section meeting which is to be held in September, at Racine, Wis. In the North Carolina Section, W. E. Vest is holding over until his successor is chosen at the meeting to be held at Greensboro, N. C. in November. H. B. Foote, Director of the Division of Water and Sewage in the State

Board of Health, Helena, Mont., has been elected to succeed Eugene Carroll who resigned as Director of the Montana Section at their last meeting.

It is worthy of note to mention that at the Convention in Pittsburgh there was the largest, most comprehensive and best arranged display of water works equipment used in public water supply work that has ever been gathered together at any time or any place. We defy anybody to disprove the above assertion.

You have observed in the printed program for the Pittsburgh Convention that full time schedule was given for the reading of papers. This met with decided approval of those at the Convention and this was shown by votes taken at both the Main Session and at a meeting of the Water Purification Division where, in both instances, unanimous approval of this new arrangement was given.

We are gratified by the following which was published in the "Water Works News Record," issued by "Engineering News Record," which was distributed at the Convention on Thursday, May 28th.

#### MEETING TECHNIQUE

"Have you noticed the smoothness, dispatch and general effectiveness of the new order of handling the meetings? Headquarters and the program committees are to be congratulated, the presiding officers and speakers commended for the mutual co-operation which has resulted from following the instructions so carefully worked out before the meeting. What appears to work so easily has been effected by a world of work in putting into shape a dozen sheets of instructions to speakers, the president and presiding officers, monitors, stenographers and others concerned with the mechanics

of handling the meetings and setting the stage properly. There is not space here to detail these instructions, but you should know that they have attracted the attention of several other organizations. George T. Seabury, secretary of the American Society of Civil Engineers, sat in yesterday's meetings with an appraising eye.

"In preparing a well-designed program theme, continuity is the first requisite. A well-ordered meeting procedure is next. Finally, a carefully selected personnel must be delegated to conduct the meetings according to the set program. This year's convention sets a precedent for effectiveness and usefulness that will be hard to match. The A. W. W. A. is hitting a winning stride."

A large part of the success attained in getting the Convention under way promptly and efficiently and steering it smoothly throughout the week was due to the great work done before and during the big week, by Jack O'Leary, General Sales Manager of the Pittsburgh-Des Moines Steel Company and Chairman of the Local Convention Committee. What they did not do to make this Convention a success was what no one could think of. In other words, we say that in future years you will have to go some to beat the showing these boys made.

Part of this new technique for meetings mentioned above was to have Pittsburgh Water Works men serve as "Monitors" at the meetings and make sure, as they did, that everything needed was there and that there was no hitch in the proceedings in any way. This Monitor proposition was tried this year for the first time and it worked fine as the boys were on the job all the time and gave fine service.

The Nicholas S. Hill, Jr. Section Membership Cup was won this year by the Pacific Northwest Section, this section being composed of the

states of Oregon and Washington and the Northern part of Idaho.

This trophy is contested for each year by local sections and the section which shows the greatest percentage of gain in membership for the year ending with Wednesday of Annual Convention Week is the winner.

This is the second time the Pacific Northwest Section has won the Hill Cup Contest.

Their percentage of gain was 14 percent, an excellent showing.

The Southeastern Section, composed of the states of South Carolina, Georgia, Alabama and Mississippi came in a close second, their gain being 11 percent. The Southeastern Section won it last year.

These are our two youngest sections and great credit is due the officials and members of these organizations for their good work.

**Ludlow Valve Manufacturing Company:** Circulars giving full information are in the mails on a new fire hydrant known as "The Ludlow Diamond." "This hydrant should appeal strongly to everyone interested in improving the appearance of our highways, because it is designed to harmonize with the best surroundings. The hydrant should be in keeping with modern street lighting standards, traffic towers and highway sign posts, making our streets attractive. It should be an asset rather than a detriment to any location, as a necessary fixture before the modern office building, the part entrance, in the deluxe apartment section and along the fine suburban avenue. The body is not integral with the barrel, but ends in a flange which is bolted to the barrel flange just above the ground line. The bolt holes are so arranged that the hydrant nozzles can be set in any direction required, without disturbing the hydrant bottom or rear from the main. The hydrant body is so designed that any breakage caused by impact with a heavy truck, for instance, will occur just above the flange. By merely releasing 8 bolts here the old body can be removed and a new one substituted in a few minutes' time. As most of the damage

to hydrants occurs in winter, due to skidding, the fact that no digging is required means a saving in time and money, and greater protection. Certain changes have also been made in the Hydrant Bottom. This employs the famous Ludlow Gate Valve, the gate being lowered free and forced squarely against its seat by a wedge nut at the back of the gate. Through a few simple improvements in design, the lines of force are now opposed and directed downward, so that once the gate is closed with the drip valve open, it cannot be pulled free, and can be released only by turning the valve stem. Even if the hydrant body is broken the valve will not cause a flood."

**Hersey Manufacturing Company:** They have sent out for publication a very interesting story as follows:

The modern municipality is just as much a business organization as are the mills and factories within its limits. The municipality has its overhead expenses, it has its income, and it should have its profits as well. For it is only through a certain margin of profit that funds can be obtained to take care of city expansion and replacements for the various departments.

"But because of competition in business today the mills and factories have studied their economics more than the municipality. The former have cut down on this, put a stop to that, in an effort to widen the margin of profit.

"Cities must do the same. They must eliminate waste—the greatest stealer of profits—and turn this into the treasury to increase municipal funds.

"As we all know one of the greatest sources of waste or lost revenue is in the water department where meter accuracy and facilities for meter testing are too often lacking. It is interesting to know that in this connection the Hersey Mfg. Company has made a series of studies of actual conditions in typical cities. The result of this investigation has been a real contribution to the smaller water departments. Take one typical case: A 4-inch compound meter in a Massachusetts city was removed after registering 19,000,000 cubic feet. It was tested and found to be off 5% in accuracy. This represented a loss of revenue on nearly a million

cubic feet of water. All due to the inaccuracy of a single water meter.

"In the interests of accuracy the Hersey Manufacturing Company offers to supply at cost all the necessary equipment and engineering help to install a testing service for both large or small capacity meters. Where this equipment is now installed great savings are reported by the discovery of unknown inaccuracies that were wasteful. In addition to the testing service the Hersey Manufacturing Company claim to have another waste eliminator in their compound meter. This meter has certain patented valve features that prevent loss of accuracy at the 'cross over' point.

"With greater accuracy of meters and with facilities for quick check up of meters whose accuracy is questioned, one of the greatest leaks in municipal income will be plugged. And if cities are to be business like in their operation of what is truly the greatest business in the world they will be on the lookout to plug these leaks and make possible a fair margin of income over operating costs."

## News of the Sections

**Pacific Northwest Section:** At their fourth annual meeting held at Vancouver, B. C., May 14th to 16th, 130 members and guests attended. The following new officers and trustees were elected: Chairman, Fred J. Sharkey; Vice-Chairman, Carl F. Kalpp; Secretary-Treasurer, Ernest C. Willard; Trustees, Ray H. Corey (Hold Over), Alex Lindsay.

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**APPLICATION FOR MEMBERSHIP**  
**IN THE**  
**AMERICAN WATER WORKS ASSOCIATION**  
**29 W. 39th Street, New York, N. Y.**

Date: .....

..... hereby make application for .....

Membership in the American Water Works Association, and inclose herewith the sum of ..... Dollars, the required initiation fee and one year's dues in advance.

Name.....

Title or Business .....

Address.....  
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Business or Professional Experience.....  
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**ARTICLE I OF BY-LAWS**

**Section 3.** An Active Member shall be a superintendent, a manager, an official or employee of a municipal or private water works; a civil, mechanical, hydraulic, or sanitary engineer, a chemist, bacteriologist, or any qualified person engaged or interested in the advancement of knowledge relating to water supplies. (Initiation Fee, \$5.00; Annual Dues, \$10.00.)

**Section 4.** A Corporate Member shall be a Water Board, Water Commission, Water Department, Water Company or Corporation National State or District Board of Health, or other body, corporation or organization engaged or interested in water supply work, and shall be entitled to one representative whose name shall appear on the roll of members, and who shall have all the rights and privileges of an Active Member. This representative may be changed at the convenience and pleasure of the Corporate Member on written notice to the Secretary. (Initiation Fee, \$10.00; Annual Dues, \$15.00.)

**Section 5.** An Associate Member shall be either a person, firm or corporation engaged in manufacturing or furnishing supplies for the operation, construction, or maintenance of water works. (Initiation Fee, \$10.00; Annual Dues, \$25.00.)

Membership in the Association carries also membership in its Local Sections and National Divisions, and includes the Journal, a monthly publication devoted to water works interest. The proceedings of the annual conventions and of the meetings of the Local Sections are published in the Journal, which also contains contributed articles on subjects pertaining to public water supplies.



## ORDER BLANK

# MANUAL OF WATER WORKS PRACTICE

This book is the coördinated effort of 300 specialists and presents their accurate summaries of modern water works practice. It discusses collection, distribution, treatment and consumption of water supplies, contains accepted specifications, and treats of water supply problems in relation to the health, safety and welfare of the public.

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The American Water Works Association  
29 West 39th Street, New York, N. Y.

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